MF PLANTERS

The finest and most comprehensive range of row crop planters available



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT

MASSEY FERGUSON

Planting the idea

Massey Ferguson has a long, respected history of designing and building planters that have helped to feed the world. As part of the global AGCO corporation, MF continues to play a major role in supplying important markets with the finest and most comprehensive range of row crop planters available anywhere.

In recent years, production of some of these versatile machines, ideally suited and specifically designed for the practice of conservation planting. This has been taking place in Brazil, where the factory established by the renowned manufacturer SFIL joined the AGCO family of companies in 2007. Since then, the 100 – 700 range of Massey Ferguson planters has enjoyed a leap in popularity in many countries.

They combine simplicity and ease of operation with great efficiency, accuracy and productivity, incorporating some of the best features of modern technology to ensure that your farming enterprise maximises crop yield and quality.

This brochure aims to give you an informed impression of what these superb planters can do for your business. It does not attempt to provide every technical detail – your local Massey Ferguson dealer can give you the complete run-down when you make your next call.

MF 100, 200, 300, 400, 500, 600, 700 planters.

There's one that's right for you.


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MF 100 & 100 LO

No-Till Mounted Planters
2-6 rows





These robustly-built, three-point mounted machines are designed for the smaller-to-medium sized farming operations and are available with two, three or four rows. The LO model has a slightly shorter frame and a more basic specification for cost-conscious enterprises.

Both planters can handle a wide range of crops with ease, including maize, soya, sunflower, sorghum, beans and cotton.

Robust 375mmØ tillage coulters ensure effective performance even in the most demanding crop residues, working in front of shear-bolt tine fertiliser openers for accurate fertiliser placement.

Row spacing is easily varied between 45cm and 90cm to allow all crop types to be planted easily and accurately, while the large capacity seed (25kg) and fertiliser (80kg) hoppers maximise productivity throughout the planting operation.

Durable 350mm double-disc seed openers, with parallel linkage, and the rubber gauge wheels (cast-iron on the LO) combine to provide perfect seed placement and consistency of depth.

The two models meter the seed mechanically for simplicity and both require just 45-65 hp for effective operation. Drive for the seed and fertiliser units is taken off a ground wheel at the side of the machine.

A wide walkboard with handrail and anti-slip floor covering is an additional safety feature on the MF 100, while an auto-reset fertiliser opener can also be specified.

The MF 100 and 200 machines also provide an ideal platform for the grower who is contemplating trying out the conservation planting practice for the first time, prior to making a more progressive leap.



Row spacings can be adjusted quickly and easily by simply sliding the individual row units along the frame. The large 35kg seed hoppers stretch the time between re-filling.

Model	Rows	Row Spacing (cm)	Working Width (cm)	Capacity (Kg)	
				Seed	Fertiliser
MF 104	2	40-135	135	50	160
	3	40-80	160	75	240
	4	40-52.5	157.5	100	320
MF 106	3	40-130	260	75	240
	4	40-90	300	100	320
	5	40-65	300	125	400
	6	40-50	250	150	480

MF 200

Trailed Mechanical Planter
3-6 rows





The next step up from the entry-level planter models is the MF 200. A trailed machine, it is available with 3-to-6 rows and row width settings between 40 cm and 90 cm. It shares many of the features of the MF 100 planter, but requires slightly more horsepower (60-80 hp).

Again, simplicity is the key element in the design and operation of the MF 200 planter - mechanical metering, angled rubber gauge wheels, auger-type fertiliser metering and a choice of double-disc openers or shear-bolt tine fertiliser opener and a mechanical marker.

Standard 600/16 tyres are an ideal choice for when planting maize, sunflower and soyabean. Single flat press wheels effectively ensure optimum seed-to-soil contact.



The wide, easily-accessible walkboard has an anti-slip covering for improved safety and convenience.

Model	Rows	Row Spacing (cm)	Working Width (cm)	Capacity (kg)	
				Seed	Fertiliser
MF 206	3	40-130	80	75	240
	4	40-90	120	100	320
	5	40-65	160	125	400
	6	40-50	200	150	480

MF 300

Trailed Grain & Rice Drill
20-26 rows





Specifically designed to meet the needs of small grain and professional rice growers, the MF 300 is a solidly-built, reliable drill with a choice of 20, 22 or 26-row configuration. The fixed 17cm row spacing has been calculated as being the optimum for small seed crops.

Seed is metered from the large capacity, combined hopper by means of a helical roller and the 41cm double-disc openers – with depth-limiting rims – are followed by rubber press wheels to ensure efficient closure of the seed zone. The biggest model is equipped with a hydraulic marker.

Customers can choose between cast auger fertiliser metering and the versatile Fertisystem™ option.

Another useful optional feature is the end-on towing hitch for easy and safe transport. In-field, however, the large 14,9 x 28 tyres ensure minimum soil compaction and excellent traction.



A moveable partition allows easy adjustment of the seed/fertiliser rations – particularly useful when planting irrigated rice crops.

Model	Rows	Hp Required	Working Width (m)	Capacity (Kg)	
				Seed	Fertiliser
MF 320	20	90	3.23	662	975
MF 322	22	100	3.57	728	1072
MF 326	26	120	4.25	859	1265

MF 400

Trailed Mechanical Planter
3-11 rows





Designed to meet the specific requirements of medium-scale row crop growers, the four-model MF 400 planter range comprises machines with 3-11 rows, with spacings between 45cm and 90cm.

Mechanical seed metering underlines the simplicity of operation without compromising the accuracy of placement. With walking beam gauge wheels and angled rubber press wheels, MF 400s can be easily converted to conventional planters just by detaching the cutting coulter.

Fertiliser metering is complemented by a choice of tine, double-disc or auto-reset fertiliser openers. A hydraulic marker, 45 cm smooth blade tillage coulter, 700 x 16 tyres and an anti-slip walkboard with safety rail all contribute to a planter that combines ease of operation, accuracy and high output. In addition, there is a seed disc for use when planting maize, sunflower or soyabean.

Model	Rows	Row Spacing (cm)	Working Width (m)	Capacity (kg)	
				Seed	Fertiliser
MF 405	3-5	45-90	1.8	105-175	475
MF 407	4-7	45-90	2.5-2.7	140-245	740
MF 409	5-9	45-90	3.5-3.6	175-315	950
MF 411	6-11	45-90	4.2-4.5	210-385	1110

MF 500

Trailed Mechanical or Vacuum Meter Planter





When precision planting is required, the MF 500 range has a model to suit most row crop application. Available from 3-row up to 17, with spacing at 45cm, 75 cm or 90 cm, there is the option to specify mechanical or vacuum seed metering. Horsepower needed varies from 70 hp for the 3-row to around 200 for the largest machines.

Growers also have the choice of 43 cm offset double disc openers or 41 cm straight versions. MF 500 models can, when required, revert to being used as conventional planters simply by detaching the cutting coulter.

With Fertisystem™ fertiliser metering as standard, customers can opt for tine, double-disc or auto-reset tine fertiliser openers. Other useful features include a hydraulic marker, 450 mm smooth blade tillage coulters mounted on a parallel linkage with the seed openers, walking beam gauge wheels and angled rubber press wheels.

A walkboard with safety rail and anti-slip flooring, 700 x 16 tyres and a seed disc for maize, sunflower and soyabean complete a highly flexible planting package.



Auto-reset openers speed the planting process, while the precision FertiSystem ensures accuracy and economy when applying the fertiliser.

Model	Rows	Row Spacing (cm)	Working Width (m)	Capacity (Kg)	
				Seed	Fertiliser
MF 506	3-6	45-90	1.8-2.375	150-300	710
MF 508	4-8	45-90	2.7-3.15	200-400	1070
MF 509	5-10	45-90	3.5-3.65	250-500	1350
MF 510	5-11	45-90	3.6-4.25	250-550	1630
MF 511	6-11	45-90	4.2-4.5	300-550	1630
MF 512	6-12	45-90	4.5-4.95	300-600	1890
MF 513	7-13	45-90	5.0-5.4	350-650	1890
MF 515	8-15	45-90	6.0-6.3	400-750	2145
MF 517	9-18	45-90	6.7-7.225	450-900	2705
MF 519	10-20	45-90	7.65-8.1	500-1000	2705

MF 600

Trailed Multi-Crop Seeder/Planter





Truly a planter for all seasons, the MF 600 is capable of handling small seeds – wheat and barley, for example – in addition to row crops like sunflower and maize.

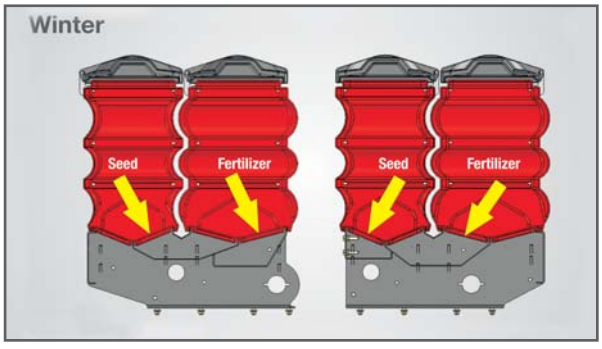
There are two basic designs – the 'L' model, which is available with 4 to 21 rows and has a lighter frame, and the 'M', with 5-23 rows and a heavier duty frame to cope with more demanding conditions. Both versions can plant at row spacings of 17 cm, 45 cm, 75 cm and 90 cm, requiring between 100 and 140 hp.

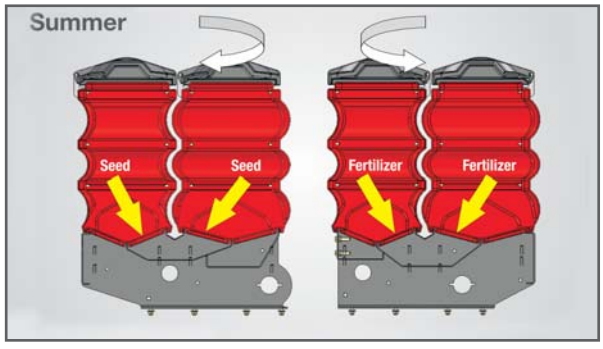
Using a mechanical seed metering system and equipped with large diameter tillage coulters, all MF 600 models have double-disc openers and angled rubber gauge and press wheels.

Fertisystem™ fertiliser metering is a standard feature, as are the auto-reset tine fertiliser openers.

The large capacity seed and fertiliser hoppers benefit from a unique reversion system which allows both hoppers to dispense seed and product into the same area or individually. This easy-to-adjust system enables the planter to be used for both winter and summer crops.

The MF 600 L version is an all-round multi-seeder for smaller farms. The M model has an innovative hopper reversion system to alter the seed/fertiliser ratios for summer or winter planting.





Model	Rows	Row Spacing (cm)	Working Width (m)	Capacity (kg)	
				Seed	Fertiliser
MF 613L	3-13	17-90	1.7-2.04	287-311	561
MF 617L	4-17	17-90	2.38-2.8	390-421	757
MF 621L	4-21	17-85	2.7-3.5	490-525	953
MF 623M	5-23	17-90	3.5-3.75	1012-1104	1874
MF 627M	6-29	17-90	4.4-4.76	1171-1270	2167

MF 700

Trailed pneumatic planter





When quality of work, timeliness and precision are all-important, the MF 700 stands out from the rest. Purpose-built for the larger-scale, professional grower, these planters are equipped with 72-litre seed hoppers, meaning less downtime for refills, mounted on a rugged, heavy-duty frame.

Gauge wheel arms can be adjusted to suit varying soil and residue conditions – they can be moved closer to, or further from the disc opener simply and quickly. Large diameter (59 cm) tillage coulters cut through the toughest residues and handle even soils with a high moisture content with ease. The parallel linkage maintains a consistent cutting action, resulting in an even seedbed moisture zone and higher germination levels.

The heavy-duty adjustable hitch secures the row unit for both transport and field work, eliminating the need for re-assembly and boosting the daily area planted. Cylinder doughnuts allow the frame to be raised to limit the depth of fertiliser and seed lines on soft, sandy soils.

Available in 5-15 row configurations, flagship MF 700 planters plant at 45, 75 and 90 cm spacings, with a requirement of between 140 hp and 250 hp. A host of innovative, time-saving features add up to the nearest to perfection you can expect from a planter.



The air seed metering system, ensures a continuous and precise flow of seed for optimum placement and high germination rates.

Model	Rows	Row Spacing (cm)	Working Width (m)	Capacity (Kg)	
				Seed	Fertiliser
MF 709	5-9	45-90	3.5-3.6	275-495	2225
MF 711	6-11	45-90	3.85-4.5	330-605	2720
MF 712	6-12	45-90	4.5-5.0	330-660	2965
MF 713	7-13	45-90	5.25-5.5	385-715	3215
MF 715	8-15	45-90	6.05-6.5	440-825	3705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7140
MF 515







MF Planter highlights

MF Row-Crop Planters - Headline Features and Capabilities

01 Many years' experience of designing and building row-crop planters has earned Massey Ferguson's place at the forefront of this important machinery sector.

02 MF Planters combine simplicity and ease of operation with great efficiency, accuracy and productivity.

03 Uncompromising, robust build quality ensures a long and reliable working life.

04 A comprehensive range of designs, widths and specifications means there's certain to be a Massey Ferguson planter ideally suited to your farming operation.

05 Built to handle a wide spectrum of crop types in varying soils and field conditions.

06 Fertisystem fertiliser metering operates to a high degree of accuracy and economy of use.

07 Rugged, heavy-duty frames enable the proven row-crop units perform to the highest standards

08 Adjustable gauge wheel arms, parallel linkage and a versatile hitch designs mean more hectares can be planted in a day.

09 Durable double disc openers provide consistency of seed placement and planting depth.

10 Row spacings can be adjusted quickly and simply by just sliding the individual row units along the frame. Large hoppers mean fewer re-fill stops.

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